Southern Nuclear

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March 30, 2023

Docket No.: 52-026

ND-23-0253
10 CFR 52.99(c)(1)

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001

Southern Nuclear Operating Company
Vogtle Electric Generating Plant Unit 4
ITAAC Closure Notification on Completion of ITAAC 2.7.03.03 [Index Number 710]

Ladies and Gentlemen:

In accordance with 10 CFR 52.99(c)(1), the purpose of this letter is to notify the Nuclear Regulatory Commission (NRC) of the completion of Vogtle Electric Generating Plant (VEGP) Unit 4 Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) Item 2.7.03.03 [Index Number 710]. This ITAAC confirms that Main Control Room (MCR) controls operate, and MCR displays are retrievable, for Annex/Auxiliary Building Nonradioactive Ventilation System Switchgear Room and Equipment Room fans. The closure process for this ITAAC is based on the guidance described in Nuclear Energy Institute (NEI) 08-01, "Industry Guideline for the ITAAC Closure Process under 10 CFR Part 52," which was endorsed by the NRC in Regulatory Guide 1.215.

This letter contains no new NRC regulatory commitments. Southern Nuclear Operating Company (SNC) requests NRC staff confirmation of this determination and publication of the required notice in the Federal Register per 10 CFR 52.99.

If there are any questions, please contact Kelli Roberts at 706-848-6991.

Respectfully submitted,

Kelli Roberts for JMC

Jamie M. Coleman
Regulatory Affairs Director Vogtle 3 & 4

Enclosure: Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC 2.7.03.03 [Index Number 710]

JMC/CWM/sfr

cc Regional Administrator, Region II
Director, Office of Nuclear Reactor Regulation (NRR)
Director, Vogtle Project Office NRR
Senior Resident Inspector – Vogtle 3 & 4

Southern Nuclear Operating Company
ND-23-0253
Enclosure

Vogtle Electric Generating Plant (VEGP) Unit 4
Completion of ITAAC 2.7.03.03 [Index Number 710]

ITAAC Statement

Design Commitment

3. Controls exist in the MCR to cause the components identified in Table 2.7.3-1 to perform the listed function.

4. Displays of the parameters identified in Table 2.7.3-1 can be retrieved in the MCR.

Inspections, Tests, Analyses

Testing will be performed on the components in Table 2.7.3-1 using controls in the MCR.

Inspection will be performed for retrievability of the parameters in the MCR.

Acceptance Criteria

Controls in the MCR operate to cause the components listed in Table 2.7.3-1 to perform the listed functions.

The displays identified in Table 2.7.3-1 can be retrieved in the MCR.

ITAAC Determination Basis

Tests and inspections were performed to ensure controls exist in the Main Control Room (MCR) to cause the components identified in Combined License (COL) Table 2.7.3-1 (Attachment A) to perform the listed functions and to verify the displays of the parameters listed in Attachment A can be retrieved in the MCR.

Controls in the MCR operate to cause the components listed in Table 2.7.3-1 to perform the listed functions.

Testing was performed as described in SV4-VXS-ITR-800710 (Reference 1) to verify controls in the MCR operate to cause the components listed in COL Appendix C Table 2.7.3-1 (Attachment A) to perform the listed functions. At an MCR operator workstation, the Annex/Auxiliary Building Nonradioactive Ventilation System (VXS) Air Handling Units (AHUs) were started using Plant Control System (PLS) controls from the MCR. Inspection verified fan start status on the PLS monitor in the MCR and is documented in Reference 1.

The Unit 4 test results, summarized in Reference 1, confirmed that controls in the MCR operate to cause the components listed in Table 2.7.3-1 to perform the listed functions.

The displays identified in Table 2.7.3-1 can be retrieved in the MCR.

The inspection was performed as described in Reference 1 for VXS component indication verifications, and visually confirmed that when each of the displays of parameters identified in Attachment A was summoned at an MCR workstation, the summoned plant parameter appeared on a display monitor at that MCR workstation.

The Unit 4 inspection results, summarized in Reference 1, confirmed that the VEGP Unit 4 plant parameter displays identified in Attachment A can be retrieved in the MCR.

Reference 1 is available for NRC inspection as part of the Unit 4 ITAAC 2.7.03.03 Completion Package (Reference 2).

ITAAC Finding Review

In accordance with plant procedures for ITAAC completion, Southern Nuclear Operating Company (SNC) performed a review of all ITAAC findings pertaining to the subject ITAAC and associated corrective actions. This review found there are no relevant ITAAC findings associated with the ITAAC. The ITAAC completion review is documented in the ITAAC Completion Package for ITAAC 2.7.03.03 (Reference 2) and is available for NRC review.

ITAAC Completion Statement

Based on the above information, SNC hereby notifies the NRC that ITAAC 2.7.03.03 was performed for VEGP Unit 4 and that the prescribed acceptance criteria are met.

Systems, structures, and components verified as part of this ITAAC are being maintained in their as-designed, ITAAC compliant condition in accordance with approved plant programs and procedures.

References (available for NRC inspection)

1. SV4-VXS-ITR-800710, Rev 0, “Unit 4 Annex/Aux Building Nonradioactive Ventilation System Control and Indication Verification Test: ITAAC 2.7.03.03 NRC Index Number: 710
2. 2.7.03.03-U4-CP-Rev0, ITAAC Completion Package

Attachment A

COL Appendix C Table 2.7.3-1

Table 2.7.3-1			
Equipment Name	**Tag No.**	**Display**	**Control Function**
Switchgear Room Air Handling Units (AHU) A Fans	VXS-MA-05A VXS-MA-06A	Yes (Run Status)	Start
Switchgear Room AHU B Fans	VXS-MA-05B VXS-MA-06B	Yes (Run Status)	Start
Equipment Room AHU A Fans	VXS-MA-01A VXS-MA-02A	Yes (Run Status)	Start
Equipment Room AHU B Fans	VXS-MA-01B VXS-MA-02B	Yes (Run Status)	Start